Welcome to MATH 1730 Online!

Tuesday: Lecture 5:45 - 7:00 (75 minutes - recorded)
Thursday: Recitation 5:45 - 7:00 (75 minutes)
Friday Video: <75 minute video, a recorded lecture
watch any time Fri, Sat, Sun, Mon

Every lecture is recorded, and posted to BlackBoard.
Friday Vidoes will be posted to BlackBoard.
The lecture notes will go up on the course notes website.

Book, access code choices:

Financial Aid

- UT bookstore book+AC bundle ~$128
- UT bookstore MyLabsPlus (+) AC ~$108
- Online AC w/ebook with CC/paypal ~$103

If you are retaking the course, no need to purchase AC.
Email me.
There is temporary acces for ~2 weeks, but it is broken.

Syllabus is on BlackBoard.

Homework:

- online homework on MyLabsPlus
- there is a link on BlackBoard called "MyLabsPlus"
- direct link: http://utoledo.mylabsplus.com
- can keep reworking up to 100%
- after the due date, can work on questions for 70% partial credit.

Written weekly homework due before recitation
- you have to scan and upload it to BlackBoard
- I'll put up a test assignment for you to practice, with instructions

Quizzes each week after recitation
- ~15 minutes, 2 chances
- on MyLabsPlus

Tests (3) and a Final Exam
- tests will be on Mondays 6 - 6:50
- Three options for taking them:
    - There will be a scheduled time and classroom
    - The Testing Center (FH 1080) is available otherwise
    - Far away students can have tests proctored locally

5% of grade is participation / attendance
- lecture participation = good chat and or answering poll
    missed lectures can be made up by watching the recorded video and emailing me your notes
- recitation attendance based

R.1 Graphs and Equations

Consider equations in the variables x and y.

$$y = 2x - 3$$
$$5x + 2y = 7$$

The ordered pair (x, y) is a solution to an equation if the values give a true statement

Ex For $y = 2x - 3$

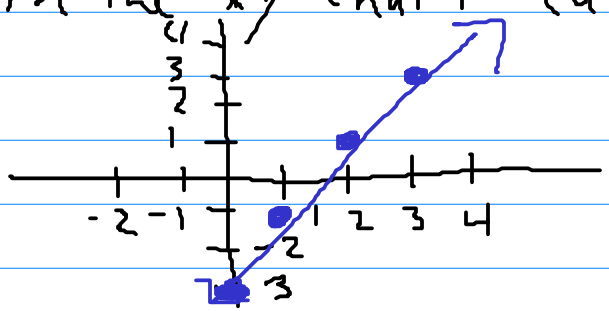
$(1, -1)$ is a soln as $-1 = 2(1) - 3$
but $(0, 5)$ is not at $5 \neq 2(0) - 3$

These solutions can be saved in an xy-chart

Ex $y = 2x - 3$

x	y
1	-1
0	-3
2	1
-1	-5
3	3

A graph of this equation plots all points (x, y) in the xy-chart (all possible points)



Note: You may need to solve for y first to easily be able to find pts.

$$5x+2y=7$$

move $5x$ $\quad 2y = 7-5x$

$\div 2$ $\quad y = \frac{7}{2} - \frac{5}{2}x$